



1742  
PATENT

Customer No. 22,852  
Attorney Docket No. 08009.0006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Yasuo Ojima et al. ) Group Art Unit: 1742  
Application No.: 09/933,721 )  
Filed: August 22, 2001 )  
For: METHOD OF SMELTING )  
COPPER SULFIDE )  
CONCENTRATE )

Commissioner for Patents and Trademarks  
Washington, DC 20231

Sir:

TRANSMITTAL LETTER

Enclosed is a reply to the Office Action of August 12, 2002. The items checked below are appropriate:

Applicants hereby petition for a three-month extension of time to respond to the above Office Action. The fee of \$920.00 for the Extension is enclosed.

The claims are calculated below:

	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	Additional Fee
Total	10	-	20	0	x \$ 18	\$ 0.00
Indep.	2	-	3	0	x \$ 84	0.00
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+\$280	
					Subtotal	\$ 0.00
					Reduction by ½ if small entity	-
					TOTAL	\$ 0.00

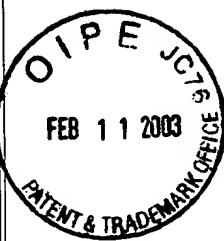
A fee of \$\_\_\_\_ to cover the cost of the additional claims added by this reply is enclosed.  
 A fee of \$\_\_\_\_ to cover \_\_\_\_ is enclosed.  
 A check for \$920.00 to cover the above fee is enclosed.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Dated: February 11, 2003

By:

  
Darren M. Jiron  
Reg. No. 45,777



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CONCENTRATE

Group Art Unit: 1742

Examiner: T. McGuthry-Banks

Commissioner for Patents  
Washington, DC 20231

Sir:

02/12/2003 SSESHE1 00000100 060916 09933721

01 FC:1253 10.00 CH 920.00 OP

AMENDMENT

In reply to the Office Action dated August 12, 2002, the period for reply having been extended for three months by a request for extension and fee payment filed concurrently herewith, please amend the application as follows:

IN THE CLAIMS:

Please amend claims 1, 2, 5, and 6-10, as follows:

1. A method of smelting copper sulfide concentrate comprising:

oxygen-smelting the copper sulfide concentrate using a concentrate burner located above a melt;

removing most of Fe in the copper sulfide concentrate into slag;

removing at least a portion of S in the copper sulfide concentrate as SO<sub>2</sub>; and

obtaining copper from copper sulfide concentrate as at least one of white metal, nearly white matte, and blister copper;

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FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com